

Converting Colors

XYZ(43.7795, 55.5811, 92.9433)

Have a look what the booklet for
XYZ(43.7795, 55.5811, 92.9433)
contains.

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Color

**XYZ(43.8410, 55.6819,
93.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	59D4F3
RGB	89, 212, 243
RGB Percent	35%, 83%, 95%
CMY	0.6509, 0.1686, 0.0471
CMYK	0.63, 0.13, 0.00, 0.05
HSL	192°, 87%, 65%
HSV	192°, 63%, 95%
XYZ	43.8410, 55.6819, 93.2310
YIQ	178.7570, -83.2590, -16.4350

Conversions

Conversions Part 2

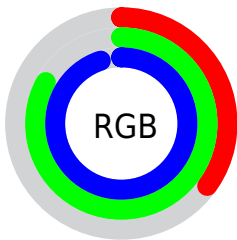
Format	Color
R _Y B	89, 157, 243
Decimal	5887219
CIE Lab	79.43, -25.02, -25.38
CIE LCh	79, 35.640, 225.403
Yxy	55.6819, 0.2274, 0.2889
Android (android.graphics.Color)	4284077299 (0xFF59D4F3)
YUV	178.7570, 31.6718, -78.7169
Hunter-Lab	74.6203, -25.7130, -21.8430

Details

The XYZ color **43.8410, 55.6819, 93.2310** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **45.4835, 33.2110, 13.4663**, and the grayscale version is **42.5891, 44.8070, 48.7948**.

A 20% lighter version of the original color is **66.9469, 85.5123, 107.5848**, and **21.0266, 27.7018, 51.2525** is the 20% darker color. If you saturate the color by 10%, you get **40.6785, 52.2648, 92.7392**, and if you desaturate by 10%, it is **47.8134, 59.5738, 93.7739**.

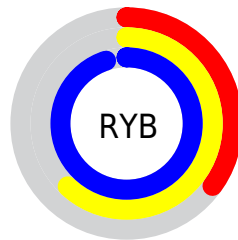
Distribution



Red (35%)

Green (83%)

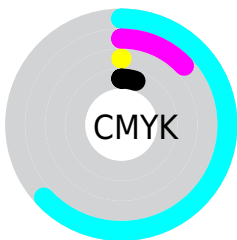
Blue (95%)



Red (35%)

Yellow (62%)

Blue (95%)

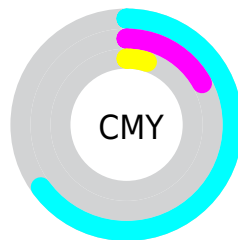


Cyan (63%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (65%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8410, 55.6819, 93.2310 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.8410, 55.6819, 93.2310 by changing the saturation by 10% instead.

43.8410, 55.6819,
93.2310

43.8410, 55.6819,
93.2310

352.9222,
408.4916, 559.3251

30.7429, 39.9479,
70.0748

80.2263, 98.5393,
153.7929

20.5540, 27.4980,
51.1103

104.2441,
126.4316, 192.0356

12.9090, 17.9476,
35.9191

132.6327,
159.1454, 236.1442

7.4425, 10.9123,
24.0825

165.7572,
197.0652, 286.5373

3.7891, 6.0079,
15.1821

203.9830,
240.5753, 343.6334

1.5835, 2.8499,
8.7992

247.6756,

0.3816, 1.0539,

290.0601, 407.8510

4.5154

297.2002,
345.9041, 479.6088

■ 0.0000, 0.0000,
1.9122

■ 0.0000, 0.0000,
0.5005

■ 43.8410, 55.6819,
93.2310

■ 43.8410, 55.6819,
93.2310

■ 40.6785, 52.2648,
92.7392

■ 47.8134, 59.5738,
93.7739

■ 38.2411, 49.2749,
92.2905


■ 52.6591, 63.9702,
94.3671


■ 36.4343, 46.6641,
91.8818


■ 58.4407, 68.9051,
95.0149


■ 35.4888, 45.0930,
91.6284


■ 65.2140, 74.4075,
95.7200

 73.0298, 80.5043,
96.4848

 81.9357, 87.2203,
97.3118

 90.4479, 93.7911,
98.1314

 91.9574, 96.8101,
98.6346

 93.1779, 99.2511,
99.0414

Harmonies

Analogous

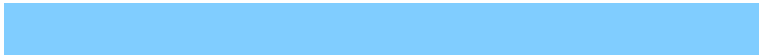
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.7386, 55.6819, 71.7060



43.8410, 55.6819, 93.2310



49.5322, 55.6819, 107.3041

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.8410, 55.6819, 93.2310



67.3838, 55.6819, 71.1089



49.3536, 55.6819, 30.0254

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.8410, 55.6819, 93.2310



45.4835, 33.2110, 13.4663

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.4671, 55.6819, 29.9357



43.8410, 55.6819, 93.2310



67.3250, 55.6819, 50.7544

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.8410, 55.6819, 93.2310



63.3362, 55.6819, 92.7098



63.1821, 55.6819, 36.6791



43.7204, 55.6819, 36.9601

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.8410, 55.6819, 93.2310



54.2299, 55.6819, 108.9167



63.1821, 55.6819, 36.6791



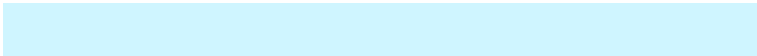
51.6392, 55.6819, 29.2558

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.8428, 55.6839, 93.2323



76.3838, 85.8751, 107.1574



39.5501, 67.5776, 28.6674



15.8295, 17.9721, 22.8846



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.8428, 55.6839, 93.2323



44.5398, 57.3244, 103.3250



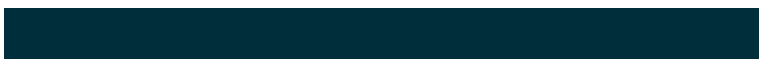
28.9914, 25.9811, 88.2819



16.6968, 18.1579, 21.1674



19.5755, 24.9449, 50.3211



1.7907, 2.3327, 4.4461

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52.4198, 30.9548, 65.5014



55.3126, 29.5762, 67.7515



58.6878, 59.6197, 17.8677



17.0623, 16.7078, 20.0746



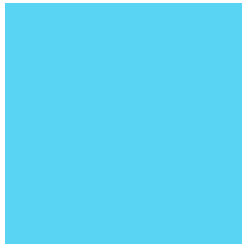
25.6853, 12.6176, 29.3811



2.2929, 1.1231, 2.7688

Previews

White Background



This preview shows how the XYZ color 43.8410, 55.6819, 93.2310 looks on a white background.

Color Contrast Check

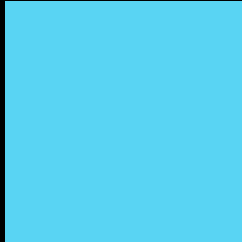
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.8410, 55.6819, 93.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8410, 55.6819, 93.2310

Background



This preview shows how black text looks on a background with the XYZ color 43.8410, 55.6819, 93.2310.

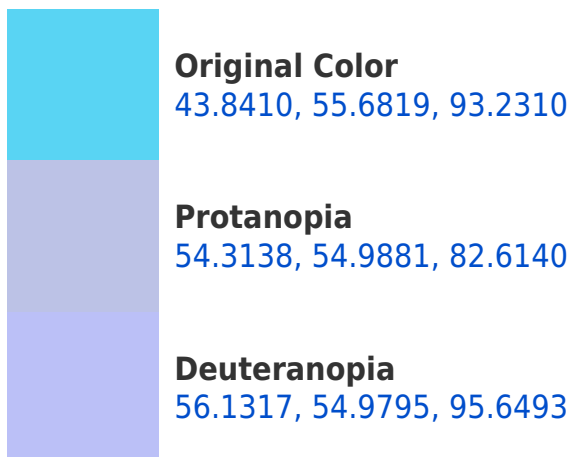


This preview shows how white text looks on a background with the XYZ color 43.8410, 55.6819,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

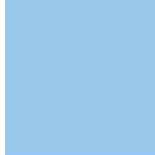
42.0377, 55.7017, 84.1372

Trichromacy



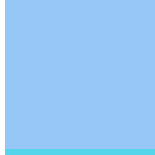
Original Color

43.8410, 55.6819, 93.2310



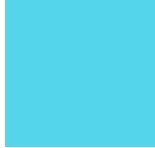
Protanomaly

48.8309, 54.4468, 86.5329



Deuteranomaly

49.8205, 54.0800, 95.0014



Tritanomaly

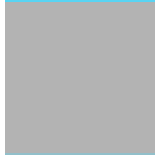
42.5360, 55.5180, 87.0714

Monochromacy



Original Color

43.8410, 55.6819, 93.2310



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

41.1455, 47.6369, 62.9033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8410, 55.6819, 93.2310 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(89, 212, 243)` looks like.

```
.text, #text, p{  
    color:rgb(89, 212, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(89, 212, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 212, 243) }
```

Border

The CSS property to change the border of an element to XYZ 43.8410, 55.6819, 93.2310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(89, 212, 243) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(89, 212, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(89, 212, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 212, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 212, 243);  
box-shadow:4px 4px 4px 4px rgb(89, 212,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8410, 55.6819, 93.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 212, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(89, 212,  
243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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